

DAILY FIELD ACTIVITY REPORT

PROJECT NAME: Pre-Remedial Design Investigation and Baseline Sampling, Portland Harbor Superfund Site

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| DATE: August 17, 2018 | WEATHER: Sunny High ~ 80 degrees F |
| Personnel and Visitors Onsite: Research vessel Cayuse – <u>CDM Smith</u> : Sean Coan; <u>Geosyntec</u> : Joe Hickey; <u>AECOM</u> : Michaela McCoog; <u>Gravity Marine</u> : Jeff Wilson, Ryan McEliece | |
| Planned Activity: <ul style="list-style-type: none">Collect surface sediment samples at stratified random sample (SRS) locations scheduled to be re-sampled or more rigorously characterized at upriver locations between river miles (RM) 22.7 and 26. | |
| Activity Completed: <p>A tailgate safety meeting was led by AECOM. Topics discussed included the proper safety procedures during surface sediment grab sampling and expected hot weather.</p> <p>Sean Coan performed oversight of surface sediment sampling from 07:45 to 16:30 on board the Cayuse. Specific activities completed by the AECOM/Geosyntec team, with vessel support from Gravity Marine, are as follows:</p> <ul style="list-style-type: none">Position checks at PH-2 in the morning and evening indicated that the vessel GPS was reading within 1.1 meters of the PH-2 survey coordinates, meeting the 1-2 m accuracy specification in the FSP.3-point surface sediment samples from locations between RM 22.7 and 26 were collected as summarized below.Activities included decontamination of sampling equipment using Alconox and deionized/distilled water and housekeeping of the sampling area. | |
| Status of Schedule & Priority Work: <ul style="list-style-type: none">Sediment sampling will continue through 8/19/18. | |
| Issues/Concerns/Resolutions (include work performed that was not planned or anticipated): <ul style="list-style-type: none">Sean Coan missed the Swan Island departure time and met up with the vessel at Willamette Park at 07:45. As such, the GPS checks at the beginning and end of the day were not observed directly. AECOM personnel reported to Mr. Coan that GPS checks were within tolerance.Sediment samples collected from previously attempted locations consistently were outside of the >35% fines criteria due to the depositional environment proximal to these locations.No sediment sample was collected from location SG-B479 due to lack of material. An anomaly form will be submitted to EPA by AECOM/Geosyntec. | |
| Samples Collected, Measurements Made, Photographs: (List Locations, Matrix & Sample type): <p>Locations within the D/U Reach:</p> <ul style="list-style-type: none">SG-B480, ~ RM 26, medium to fine sand with trace silt and organics, very dark gray, ~15% finesSG-B478, ~ RM 25, medium to fine sand with trace silt and organics, very dark gray, ~10% finesSG-B474, ~ RM 22.7, silty sand with trace organics, very dark gray, ~25% fines <p>Photographs of work were taken throughout the day and provided to EPA via email. Additional photos were taken and archived with a description included in the photolog Excel spreadsheet, which are maintained electronically in the ProjectWise project folder.</p> | |
| Borings Completed (Include total footage drilled for each boring): None | |
| Wastes Generated and How Handled: <ul style="list-style-type: none">Excess sediment and debris from today's sampling activities was rinsed back into the river per the FSP. No sheen was observed today.Disposable gloves, paper towels, and other general trash was containerized in a trash bag and removed daily for disposal to a municipal waste management dumpster. | |
| Health and Safety Issues, Equipment Needs, Staffing: None observed | |

Signature: Sean Coan

DATE August 17, 2018
